

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------|------------------|---------|------------------|
| L2 | 3 | (robot and operator and power and interrup\$4).clm. | US-PGPUB | OR | ON | 2007/02/03 15:17 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---------------------------|------------------|---------|------------------|
| S93 | 384 | robot and (person operator human) and (sens\$4 detect\$4 monitor\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 (cut\$4 adj2 off)) same (current voltage power)) and (cancel\$4 reset\$4) and emergency | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 20:33 |
| S94 | 75 | S93 and "318"/\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 20:36 |
| S95 | 204 | robot and (person\$4 operator\$4 human\$4) and (sens\$4 detect\$4 monitor\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 (cut\$4 adj2 off)) same (current voltage power)) and (cancel\$4 reset\$4) and emergency and ((person\$4 operator\$4 human\$4 body man woman) same (entry enter\$4 approach\$4)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 20:40 |
| S96 | 26 | S95 and "318"/\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 20:41 |
| S97 | 367 | robot and (person\$4 operator\$4 human\$4) and (sens\$4 detect\$4 monitor\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 stop\$4 (cut\$4 adj2 off)) same (current voltage power)) and (cancel\$4 reset\$4 stop\$4) and emergency and ((person\$4 operator\$4 human\$4 body man woman) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 20:44 |
| S98 | 55 | S97 and "318"/\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 20:46 |
| S99 | 338 | robot and (person\$4 operator\$4 human\$4) and (sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 stop\$4 (cut\$4 adj2 off)) same (current voltage power)) and (cancel\$4 reset\$4 stop\$4) and emergency and ((person\$4 operator\$4 human\$4 body man woman) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) and ((sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 20:48 |

EAST Search History

| | | | | | | |
|----------|-----|--|---------------------------------|----|----|------------------|
| S10 0 | 57 | S99 and "318"/\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 21:18 |
| S10 3 | 28 | ("4263647" "4401976" "4437089" "4481449" "4616216" "4772875" "4818866" "4857912" "4898263" "4912384" "5218196" "5263570" "5278454" "5280622" "5319306" "5407028" "5408089" "5426355" "5451879" "5473368" "5576972" "5880954" "6173814" "6215204" "6246318" "6246928" "6388563" "6392318").PN. OR ("6683432"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/02 21:19 |
| S10 1 | 347 | robot and (person\$4 operator\$4 human\$4) and (sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 stop\$4 (cut\$4 adj2 off)) same (current voltage power)) and (cancel\$4 reset\$4 stop\$4) and emergency and (((person\$4 operator\$4 human\$4 body man woman unauthoriz\$4) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) intrusion\$4 intrud\$4) and ((sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 21:19 |
| S10 2 | 57 | S101 and "318"/\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 21:22 |
| S10 4 | 345 | robot and (person\$4 operator\$4 human\$4) and (sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 stop\$4 (cut\$4 adj2 off)) same (current voltage power)) and (cancel\$4 reset\$4 stop\$4) and emergency\$4 and (((person\$4 operator\$4 human\$4 body man woman unauthoriz\$4) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) intrusion\$4 intrud\$4) and ((sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 21:38 |

EAST Search History

| | | | | | | |
|----------|------|--|---------------------------------|----|----|------------------|
| S10 6 | 366 | robot and (person\$4 operator\$4 human\$4) and (sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 stop\$4 (cut\$4 adj2 off)) same (current voltage power)) and (cancel\$4 reset\$4 stop\$4) and emergency\$4 and (((person\$4 operator\$4 human\$4 body man woman unauthoriz\$4) same (access\$4 accessibility accessab\$4 entry enter\$4 approach\$4 (com\$4 adj2 into))) intrusion\$4 intrud\$4) and ((sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 21:42 |
| S10 8 | 145 | S107 and "318"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 21:46 |
| S10 5 | 57 | S104 and "318"/\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 21:46 |
| S10 9 | 237 | S107 and "318"/\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 21:50 |
| S11 0 | 1599 | robot and (person\$4 operator\$4 human\$4) and (sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 stop\$4 (cut\$4 adj2 off)) same (current voltage power)) and (cancel\$4 reset\$4 stop\$4) and (stop\$4 emergency\$4 shutdown (shut\$2 adj2 down) fault\$4 fail\$4 error\$4) and (((person\$4 operator\$4 human\$4 body man woman unauthoriz\$4) same (access\$4 accessibility accessab\$4 entry enter\$4 approach\$4 (com\$4 adj2 into))) intrusion\$4 intrud\$4) and ((sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 21:52 |
| S11 3 | 237 | S112 and "318"/\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 21:54 |
| S11 1 | 237 | S110 and "318"/\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 21:54 |

EAST Search History

| | | | | | | |
|----------|------|---|---------------------------------|----|----|------------------|
| S11 2 | 1604 | robot and (person\$4 operator\$4 human\$4) and (sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 stop\$4 (cut\$4 adj2 off)) same (current voltage power)) and (cancel\$4 reset\$4 stop\$4 (re\$2 adj2 start\$4) restart\$4) and (stop\$4 emergency\$4 shutdown (shut\$2 adj2 down) fault\$4 fail\$4 error\$4) and (((person\$4 operator\$4 human\$4 body man woman unauthoriz\$4) same (access\$4 accessibility accessab\$4 entry enter\$4 approach\$4 (com\$4 adj2 into))) intrusion\$4 intrud\$4) and ((sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 21:57 |
| S11 5 | 1791 | robot and (person\$4 operator\$4 human\$4) and (sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 stop\$4 (cut\$4 adj2 off)) same (current voltage power emergenc\$4)) and (cancel\$4 reset\$4 stop\$4 (re\$2 adj2 start\$4) restart\$4) and (stop\$4 emergency\$4 shutdown (shut\$2 adj2 down) fault\$4 fail\$4 error\$4) and (((person\$4 operator\$4 human\$4 body man woman unauthoriz\$4) same (access\$4 accessibility accessab\$4 entry enter\$4 approach\$4 (com\$4 adj2 into))) intrusion\$4 intrud\$4) and ((sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) same (emergenc\$4 entry enter\$4 approach\$4 (com\$4 adj2 into))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 21:58 |
| S11 4 | 145 | S112 and "318"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 22:02 |
| S11 7 | 17 | S116 not S114 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 23:16 |
| S11 6 | 162 | S115 and "318"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 23:17 |

EAST Search History

| | | | | | | |
|----------|------|--|---------------------------------|----|----|------------------|
| S10 7 | 1599 | robot and (person\$4 operator\$4 human\$4) and (sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 stop\$4 (cut\$4 adj2 off)) same (current voltage power)) and (cancel\$4 reset\$4 stop\$4) and (stop\$4 emergency\$4 fault\$4 fail\$4 error\$4) and (((person\$4 operator\$4 human\$4 body man woman unauthoriz\$4) same (access\$4 accessibility accessab\$4 entry enter\$4 approach\$4 (com\$4 adj2 into))) intrusion\$4 intrud\$4) and ((sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 23:55 |
| S11 8 | 263 | S115 and "318"/\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 23:56 |
| S11 9 | 2630 | robot\$4 and (person\$4 operator\$4 human\$4) and (sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 stop\$4 (cut\$4 adj2 off)) same (current voltage power)) and (cancel\$4 reset\$4 stop\$4) and (stop\$4 emergency\$4 fault\$4 fail\$4 error\$4) and (((person\$4 operator\$4 human\$4 body man woman unauthoriz\$4) same (access\$4 accessibility accessab\$4 entry enter\$4 approach\$4 (com\$4 adj2 into))) intrusion\$4 intrud\$4) and ((sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/02 23:59 |
| S12 2 | 297 | S121 and "318"/\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/03 00:01 |
| S12 0 | 276 | S119 and "318"/\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/03 00:01 |

EAST Search History

| | | | | | | |
|----------|------|--|---------------------------------|----|----|------------------|
| S12 4 | 5119 | robot\$4 and (person\$4 operator\$4 body\$4 human\$4 man woman finger obstruction\$4 unauthoriz\$4) and (sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 stop\$4 (cut\$4 adj2 off) (reset) (re\$3 adj2 set\$4)) same (current voltage power)) and (cancel\$4 reset\$4 stop\$4) and (stop\$4 emergency\$4 fault\$4 fail\$4 error\$4 fallout (fall\$2 adj2 out)) and (((person\$4 operator\$4 human\$4 body\$4 human\$4 man woman finger obstruction\$4 unauthoriz\$4) same (access\$4 accessibility accessab\$4 entry enter\$4 approach\$4 (com\$4 adj2 into))) entry\$4 enter\$4 entry\$4 intrusion\$4 intrud\$4) and ((sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) same (intrusion\$4 intrud\$4 entry enter\$4 approach\$4 (com\$4 adj2 into) human person\$4)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/03 00:15 |
| S12 3 | 168 | S121 and "318"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/03 00:18 |
| S12 7 | 557 | S124 and (S93 S94 S95 S96 S97 S98 S99 S100 S102 S103 S105 S108) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/03 00:22 |
| S12 8 | 158 | S127 and "318"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/03 01:26 |
| S12 5 | 298 | S124 and "318"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/03 01:26 |

EAST Search History

| | | | | | | |
|----------|------|---|---------------------------------|----|-----|------------------|
| S12 1 | 2965 | robot\$4 and (person\$4 operator\$4 human\$4) and (sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 stop\$4 (cut\$4 adj2 off) (reset) (re\$3 adj2 set\$4)) same (current voltage power)) and (cancel\$4 reset\$4 stop\$4) and (stop\$4 emergency\$4 fault\$4 fail\$4 error\$4) and (((person\$4 operator\$4 human\$4 body man woman unauthoriz\$4) same (access\$4 accessibility accessab\$4 entry enter\$4 approach\$4 (com\$4 adj2 into))) intrusion\$4 intrud\$4) and ((sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/03 02:01 |
| S12 9 | 2965 | robot\$4 and (person\$4 operator\$4 human\$4) and (sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) and ((stop\$4 interrupt\$4 disrupt\$4 cut\$4 stop\$4 (cut\$4 adj2 off) (reset) (re\$3 adj2 set\$4)) same (current voltage power)) and (cancel\$4 reset\$4 stop\$4) and (stop\$4 emergency\$4 fault\$4 fail\$4 error\$4) and (((person\$4 operator\$4 human\$4 body man woman unauthoriz\$4) same (access\$4 accessibility accessab\$4 entry enter\$4 approach\$4 (com\$4 adj2 into))) intrusion\$4 intrud\$4) and ((sens\$4 detect\$4 monitor\$4 indicat\$4 determin\$4) same (entry enter\$4 approach\$4 (com\$4 adj2 into))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/03 02:04 |
| L2 | 3 | (robot and operator and power and interrup\$4).clm. | US-PGPUB | OR | ON | 2007/02/03 15:17 |
| L1 | 4 | (robot and operator and power and interrup\$4).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/03 15:19 |
| L3 | 11 | ((("4523135") or ("4818866") or ("4912384") or ("5204942") or ("5280622") or ("5428279") or ("5576972") or ("5798703") or ("6683432") or ("20030050735") or ("20050063114"))).PN. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/02/03 15:35 |

BEST AVAILABLE COPY